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Automatic determination of correct IP address for network-connected devices

US Pat. 6982953 - Filed Jul 11, 2000 - Scorpion Controls, Inc.

The normal use of **ARP request** messages is to inquire the **MAC address** of a target ... The supervisor 200 updates the equivalence **table** that links the **IP** ...

Apparatus and methods for routerless layer 3 forwarding in a network

US Pat. 6256314 - Filed Aug 11, 1998 - Avaya Technology Corp.

2C); and the **port** number in the **MAC table** (FIG. 2C) corresponding to the destination **MAC address** of the received packet is not the **port** from which the

...

System and method for controlled access to shared-medium public and semi ...

US Pat. 6393484 - Filed Apr 12, 1999 - International Business Machines Corp.

If no entry is found for the **IP address**, **ARP** broadcasts a **request** packet in a ... The DHCP server adds an **ARP IP** to the **MAC address table** entry with the ...

Method and system for congestion flow control in a high speed network

US Pat. 6538990 - Filed Apr 15, 1999 - International Business Machines Corporation

The hub, in step 604, builds and transmits an **ARP request** frame targeting the retrieved **IP address**. When an **ARP** response frame is received, the **MAC address**

...

Routing mechanism for networks with separate upstream and downstream traffic

US Pat. 6282575 - Filed Dec 11, 1997 - Intel Corporation

The **ARP** command to network router 112 will insert an entry into the tables of network router 112 that will associate the **IP address** to the **MAC address** such

...

Communication apparatus for routing or discarding a packet sent from a user ...

US Pat. 6907470 - Filed Jun 28, 2001 - Hitachi, Ltd.

The **MAC address** of the user terminal 2806 is not registered in the ... the source **IP address** included in the 55 **ARP Request** or **ARP Reply** packet with the

...

System and method for routing message traffic using a cluster of routers ...

US Pat. 6779039 - Filed Mar 31, 2000 - Avaya Technology Corp.

The network flow controller 810 responds to **ARP** requests for the cluster **IP address** by sending the network flow controller 810 **MAC address**, ensuring that

...

System and method for providing access to a network with selective network ...

US Pat. 7127524 - Filed Dec 21, 2001 - Vernier Networks, Inc.

The **MAC address** for that **IP address** is identified using conventional ... to **IP** addresses not in the **table** and for which a reply to an **ARP request** has not ...

VPN device clustering using a network flow switch and a different mac ...



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